Refine Search

Search Results -

Terms	Documents
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Database:
US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L8

Refine Search

Recall Text Clear Interrupt

Search History

DATE: Tuesday, January 16, 2007 **Purge Queries** Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ			
L8	L7 and 546/$	35	L8
L7	L6 and piperidine	117	L7
L6	L5 and amino$7	586	L6
L5	L3 and (benzo$8 or halobenzo$8)	603	L5
L4	L3 and benzo$8 and halobenzo$8	6	L4
L3	flecainide and amide	663	L3
DB=USPT; PLUR=YES; OP=ADJ			
L2	4617396.pn.	1	L2
DB=PGPB; PLUR=YES; OP=ADJ			
L1	20050059825	1	L1

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 10 of 35 returned.

☐ 1. Document ID: US 20060276450 A1

L8: Entry 1 of 35 File: PGPB Dec 7, 2006

PGPUB-DOCUMENT-NUMBER: 20060276450
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060276450 A1

TITLE: Isoquinoline potassium channel inhibitors

PUBLICATION-DATE: December 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Trotter; B. Wesley	Glenside	PA	US
Nanda; Kausik K.	Norristown	PA	US
Kett; Nathan R.	Perkiornenville	NJ	US
Dinsmore; Christopher J.	Newton	MA	US
Ponticello; Gerald S.	Lansdale	PA	US
Claremon; David A.	Maple Glen	PA	US

US-CL-CURRENT: 514/210.21; 514/310, 546/148

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20060183768 A1

L8: Entry 2 of 35 File: PGPB Aug 17, 2006

PGPUB-DOCUMENT-NUMBER: 20060183768
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060183768 A1

TITLE: Compounds

PUBLICATION-DATE: August 17, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ford; John	Huntingdon		GB
Palmer; Nicholas John	Cambridge		GB
Atherall; John Frederick	Essex		GB

Madge; David John	Cambridgeshire	GB
John; Derek	Cambridgeshire	GB

US-CL-CURRENT: 514/301; 546/114

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 3. Document ID: US 20060160864 A1

L8: Entry 3 of 35 File: PGPB Jul 20, 2006

PGPUB-DOCUMENT-NUMBER: 20060160864
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060160864 A1

TITLE: Acrylamide derivative, process for producing the same, and use

PUBLICATION-DATE: July 20, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shiraishi; Mitsuru	Osaka		JP
Seto; Masaki	Osaka		JP
Aikawa; Katsuji	Osaka		JP
Kanzaki; Naoyuki	Osaka		JP
Baba; Masanori	Kagoshima		JP

US-CL-CURRENT: 514/341; 514/397, 514/408, 546/272.7, 548/311.1, 548/561

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

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☐ 4. Document ID: US 20060100197 A1

L8: Entry 4 of 35 File: PGPB May 11, 2006

PGPUB-DOCUMENT-NUMBER: 20060100197
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060100197 A1

TITLE: Fused-ring pyridine derivative, process for producing the same, and use

PUBLICATION-DATE: May 11, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Shiraishi; Mitsuru	Osaka		JP
Aikawa; Katsuji	Osaka		JP
Kanzaki; Naoyuki	Osaka		JP
Baba; Masanori	Kagoshima		JP

US-CL-CURRENT: 514/215; 514/227.8, 514/234.2, 514/253.04, 514/301, 514/302, 540/576, 544/125, 544/362, 544/60, 546/114, 546/115

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 5. Document ID: US 20060094880 A9

L8: Entry 5 of 35 File: PGPB May 4, 2006

PGPUB-DOCUMENT-NUMBER: 20060094880
PGPUB-FILING-TYPE: us-republication-corrected
DOCUMENT-IDENTIFIER: US 20060094880 A9

TITLE: Synthetic process for trans-aminocyclohexyl ether compounds

PUBLICATION-DATE: May 4, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20050038256 A1	February 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Barrett; Anthony G. M.	London		GB
Choi; Lewis S. L.	Burnaby		CA

US-CL-CURRENT: 546/236; 548/577, 564/339

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 6. Document ID: US 20060069098 A1

L8: Entry 6 of 35 File: PGPB Mar 30, 2006

PGPUB-DOCUMENT-NUMBER: 20060069098
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060069098 A1

TITLE: Bicyclic compound

PUBLICATION-DATE: March 30, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Miyoshi; Shiro	Shizuoka		JP
Ishizuya; Toshinori	Shizuoka		JP

US-CL-CURRENT: 514/249; 514/303, 514/412, 514/419, 544/352, 546/119, 548/495

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 7. Document ID: US 20060035939 A1

L8: Entry 7 of 35 File: PGPB Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060035939
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060035939 A1

TITLE: 3-Aminobenzamide compounds and inhibitors of vanilloid receptor subtype 1 (VR1) activity

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Koga; Yoshihisa	Osaka		JP
Yata; Shinji	Osaka		JP
Watanabe; Takashi	Osaka		JP
Matsuo; Takuya	Osaka		JP
Sakata; Masahiro	Osaka		JP
Kondo; Wataru	Osaka		JP

US-CL-CURRENT: 514/355; 514/616, 546/315, 564/152

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 8. Document ID: US 20060035865 A1

L8: Entry 8 of 35 File: PGPB Feb 16, 2006

PGPUB-DOCUMENT-NUMBER: 20060035865
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060035865 A1

TITLE: Lipid-rich plaque regressing agents

PUBLICATION-DATE: February 16, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Terashita; Zen-ichi	Osaka		JP
Nakamura; Masahira	Kashiba-shi		JP
Marui; Shogo	Kobe-shi		JP
Ogino; Masaki	Nishinomiya-shi		JP

US-CL-CURRENT: 514/100; 514/337, 514/457, 546/283.1, 549/291

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 9. Document ID: US 20050245527 A1

L8: Entry 9 of 35 File: PGPB Nov 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050245527
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050245527 A1

TITLE: Nitrogen containing heterocyclic compounds and medicines containing the same

PUBLICATION-DATE: November 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ozaki, Fumihiro	Ushiku-shi		JP
Ono, Mutsuko	Ushiku-shi		JP
Kawano, Koki	Tsukuba-shi		JP
Norimine, Yoshihiko	Tsukuba-shi		JP
Onogi, Tatsuhiro	Tsukuba-shi		JP
Yoshinaga, Takashi	Tsukuba-shi		JP
Kobayashi, Kiyoaki	Moriya-shi		JP
Suzuki, Hiroyuki	Tsukuba-shi		JP
Minami, Hiroe	Tsukuba-shi		JP
Sawada, Kohei	Moriya-shi		JP

US-CL-CURRENT: 514/249; 514/252.02, 514/252.03, 514/255.05, 514/269, 514/318, 544/238, 544/309, 544/353, 544/405, 546/16 , 546/194

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 10. Document ID: US 20050171104 A1

L8: Entry 10 of 35 File: PGPB Aug 4, 2005

PGPUB-DOCUMENT-NUMBER: 20050171104
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050171104 A1

TITLE: Novel thyroid receptor ligands

PUBLICATION-DATE: August 4, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Rahimi-Ghadim, Mahmoud	Stockholm		SE
Garg, Neeraj	Tumba		SE
Malm, Johan	Trangsund		SE

US-CL-CURRENT: 514/241; 514/277, 514/364, 514/374, 514/378, 514/419, 514/569, 544/209, 546/341, 548/132, 548/241, 548/495, 562/466

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw D

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Search Results - Record(s) 11 through 20 of 35 returned.

☐ 11. Document ID: US 20050148624 A1

L8: Entry 11 of 35 File: PGPB Jul 7, 2005

PGPUB-DOCUMENT-NUMBER: 20050148624
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050148624 A1

TITLE: Jnk inhibitor

PUBLICATION-DATE: July 7, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Itoh, Fumio	Ibaraki		JP
Kimura, Hiroyuki	Osaka		JP
Igata, Hideki	Osaka		JP
Kawamoto, Tomohiro	Osaka		JP
Sasaki, Mitsuru	Osaka		JP
Kitamura, Shuji	Osaka		JP

US-CL-CURRENT: 514/309; 546/141

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 12. Document ID: US 20050059825 A1

L8: Entry 12 of 35 File: PGPB Mar 17, 2005

PGPUB-DOCUMENT-NUMBER: 20050059825
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050059825 A1

TITLE: Novel process for the preparation of flecainide, its pharmaceutically acceptable salts and important intermediates thereof

PUBLICATION-DATE: March 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wang, Zhi-Xian	Brantford		CA
Li, Yuanqiang	Brantford		CA

Guntoori, Bhaskar Reddy Brantford CA

US-CL-CURRENT: 546/233

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 13. Document ID: US 20050049237 A1

L8: Entry 13 of 35 File: PGPB Mar 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050049237
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050049237 A1

TITLE: Pyrazole-amides and -sulfonamides

PUBLICATION-DATE: March 3, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Atkinson, Robert N.	Raleigh	NC	US
Gross, Michael F.	Durham	NC	US

US-CL-CURRENT: 514/210.2; 514/217.09, 514/326, 514/406, 540/603, 546/211, 548/364.1, 548/366.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 14. Document ID: US 20040220409 A1

L8: Entry 14 of 35 File: PGPB Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040220409
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040220409 A1

TITLE: Flecainide synthesis

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
McDaniel, William C.	Grove Village	IL	US
Radhakrishnan, Jayaramaiyer	Westchester	IL	US
Janicki, Slawomir J.	North Chelmsford	MA	US

US-CL-CURRENT: 546/233

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 15. Document ID: US 20040220147 A1

L8: Entry 15 of 35 File: PGPB Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040220147
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040220147 A1

TITLE: Thyroid hormone receptor antagonists for cardiac and metabolic disorders ll

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Malm, Johan	Trangsund		SE
Brandt, Peter	Solna		SE
Edvinsson, Karin	Stockholm		SE
Ericsson, Thomas	Sodertalje		SE
Gordon, Sandra	Mariefred		SE

US-CL-CURRENT: 514/79; 514/114, 514/357, 514/408, 514/553, 514/567, 514/575, 546/22, 548/413, 558/190, 558/415, 562/109 , 562/426, 562/452, 562/621

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 16. Document ID: US 20040106792 A1

L8: Entry 16 of 35 File: PGPB Jun 3, 2004

PGPUB-DOCUMENT-NUMBER: 20040106792
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040106792 A1

TITLE: Biphenyl compound

PUBLICATION-DATE: June 3, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Tauri, Naoki	Nara-shi		JP
Santo, Takashi	Kobe-shi		JP
Watanabe, Hiroyuki	Kobe-shi		JP
Aso, Kazuyoshi	Takatsuki-shi		JP
Miwa, Tetsuo	Kobe-shi		JP
Takekawa, Shiro	Nishinomiya-shi		JP

US-CL-CURRENT: 540/607; 546/226, 548/530, 548/953

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 17. Document ID: US 20030171360 A1

L8: Entry 17 of 35 File: PGPB Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030171360
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030171360 A1

TITLE: Piperidines

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gross, Michael F.	Durham	NC	US
Atkinson, Robert N.	Raleigh	NC	US
Johnson, Matthew S.	Durham	NC	US

US-CL-CURRENT: 514/217.06; 514/263.2, 514/263.22, 514/265.1, 514/303, 514/322, 514/394, 514/414, 540/600, 544/276, 544/277, 544/280, 546/118, 546/273.4, 548/306.1, 548/465

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 18. Document ID: US 20030044845 A1

L8: Entry 18 of 35 File: PGPB Mar 6, 2003

PGPUB-DOCUMENT-NUMBER: 20030044845
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030044845 A1

TITLE: Novel therapeutic agents for membrane transporters

PUBLICATION-DATE: March 6, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jenkins, Thomas E.	La Honda	CA	US
Christensen, Burton G.	Alamo	CA	US
Griffin, John H.	Atherton	CA	US
Judice, J. Kevin	El Granada	CA	US

US-CL-CURRENT: 435/7.1; 546/140

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. D

☐ 19. Document ID: US 20020188006 A1

L8: Entry 19 of 35 File: PGPB Dec 12, 2002

PGPUB-DOCUMENT-NUMBER: 20020188006
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020188006 A1

TITLE: 4-hydroxypiperidine derivatives having antiarrhythmic activity

PUBLICATION-DATE: December 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Yamamoto, Ichiro	Shinjuku-ku		JP
Itoh, Manabu	Shinjuku-ku		JP
Yamasaki, Fumiaki	Shinjuku-ku		JP
Miyazaki, Yutaka	Shinjuku-ku		JP
Ogawa, Shinichi	Shinjuku-ku		JP

US-CL-CURRENT: 514/326; 514/327, 546/207, 546/216

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 20. Document ID: US 20020133013 A1

L8: Entry 20 of 35 File: PGPB Sep 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020133013
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020133013 A1

TITLE: Process for making cyanomethyl ester precursors of flecainide

PUBLICATION-DATE: September 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gutman, Arie L.	Haifa		IL
Nisnevich, Genady	Nesher		IL
Shkolnik, Eleonora	Nesher		IL
Zaltzman, Igor	Haifa		IL
Tishin, Boris	Haifa		IL

US-CL-CURRENT: 546/233; 546/336

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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Search Results - Record(s) 21 through 30 of 35 returned.

☐ 21. Document ID: US 7060708 B2

L8: Entry 21 of 35 File: USPT Jun 13, 2006

US-PAT-NO: 7060708
DOCUMENT-IDENTIFIER: US 7060708 B2

TITLE: Active agent delivery systems and methods for protecting and administering active agents

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040063628 A1	April 1, 2004

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 22. Document ID: US 6710060 B2

L8: Entry 22 of 35 File: USPT Mar 23, 2004

US-PAT-NO: 6710060
DOCUMENT-IDENTIFIER: US 6710060 B2

TITLE: 4-hydroxypiperidine derivatives having antiarrhythmic activity

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 23. Document ID: US 6593486 B2

L8: Entry 23 of 35 File: USPT Jul 15, 2003

US-PAT-NO: 6593486
DOCUMENT-IDENTIFIER: US 6593486 B2

TITLE: Process for making cyanomethyl ester precursors of flecainide

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 24. Document ID: US 6420354 B1

L8: Entry 24 of 35 File: USPT Jul 16, 2002

US-PAT-NO: 6420354
DOCUMENT-IDENTIFIER: US 6420354 B1
**** See image for Certificate of Correction ****

TITLE: Sodium channel drugs and uses

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 25. Document ID: US 6369069 B1

L8: Entry 25 of 35 File: USPT Apr 9, 2002

US-PAT-NO: 6369069
DOCUMENT-IDENTIFIER: US 6369069 B1

TITLE: Biphenylsulfonyl cyanamides, method for the production thereof and their utilization as a medicament

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 26. Document ID: US 6316627 B1

L8: Entry 26 of 35 File: USPT Nov 13, 2001

US-PAT-NO: 6316627
DOCUMENT-IDENTIFIER: US 6316627 B1
**** See image for Certificate of Correction ****

TITLE: Process for the preparation of flecainide

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 27. Document ID: US 6190691 B1

L8: Entry 27 of 35 File: USPT Feb 20, 2001

US-PAT-NO: 6190691
DOCUMENT-IDENTIFIER: US 6190691 B1

TITLE: Methods for treating inflammatory conditions

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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☐ 28. Document ID: US 5986094 A

L8: Entry 28 of 35 File: USPT Nov 16, 1999

US-PAT-NO: 5986094
DOCUMENT-IDENTIFIER: US 5986094 A

TITLE: 4'-methyl substituted fluorescein derivatives

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 29. Document ID: US 5962477 A

L8: Entry 29 of 35 File: USPT Oct 5, 1999

US-PAT-NO: 5962477
DOCUMENT-IDENTIFIER: US 5962477 A
** See image for Certificate of Correction **

TITLE: Screening methods for cytokine inhibitors

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

☐ 30. Document ID: US 5495022 A

L8: Entry 30 of 35 File: USPT Feb 27, 1996

US-PAT-NO: 5495022
DOCUMENT-IDENTIFIER: US 5495022 A

TITLE: Piperidines and piperazines

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

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Search Results - Record(s) 31 through 35 of 35 returned.

☐ 31. Document ID: US 5439914 A

L8: Entry 31 of 35 File: USPT Aug 8, 1995

US-PAT-NO: 5439914
DOCUMENT-IDENTIFIER: US 5439914 A

TITLE: Spirocycles

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 32. Document ID: US 5294621 A

L8: Entry 32 of 35 File: USPT Mar 15, 1994

US-PAT-NO: 5294621
DOCUMENT-IDENTIFIER: US 5294621 A

TITLE: Thieno tetrahydropyridines useful as class III antiarrhythmic agents

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 33. Document ID: US 4952574 A

L8: Entry 33 of 35 File: USPT Aug 28, 1990

US-PAT-NO: 4952574
DOCUMENT-IDENTIFIER: US 4952574 A
** See image for Certificate of Correction **

TITLE: Antiarrhythmic substituted N-(2-piperidylmethyl)benzamides

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 34. Document ID: US 4920116 A

L8: Entry 34 of 35 File: USPT Apr 24, 1990

US-PAT-NO: 4920116
DOCUMENT-IDENTIFIER: US 4920116 A
** See image for Certificate of Correction **

TITLE: N-(aminoalkyl)-substituted(N or C alkyl)-aryl-4(methylsulfonylamino) benzamides

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 35. Document ID: US 4851526 A

L8: Entry 35 of 35 File: USPT Jul 25, 1989

US-PAT-NO: 4851526
DOCUMENT-IDENTIFIER: US 4851526 A
** See image for Certificate of Correction **

TITLE: 1-(4-Substituted phenyl)-1H-imidazoles compounds

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

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FILE COVERS 1907 - 16 Jan 2007 VOL 146 ISS 4
FILE LAST UPDATED: 15 Jan 2007 (20070115/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

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=> s 54143-55-4/prep
           589 54143-55-4
       4345600 PREP/RL
L9          13 54143-55-4/PREP
                (54143-55-4 (L) PREP/RL)

=> s 54143-55-4/proc
           589 54143-55-4
       4030519 PROC/RL
L10         38 54143-55-4/PROC
                (54143-55-4 (L) PROC/RL)

=> s 54143-55-4/pur
           589 54143-55-4
        246877 PUR/RL
L11          0 54143-55-4/PUR
                (54143-55-4 (L) PUR/RL)

=> s l9 or l10
L12         51 L9 OR L10

=> s l17 and py<2003
L17 NOT FOUND
The L-number entered could not be found.  To see the definition
of L-numbers, enter DISPLAY HISTORY at an arrow prompt (=>).

=> s l12 and py<2003
      22868760 PY<2003
L13         45 L12 AND PY<2003

=> s l13 and piperdine
          226 PIPERDINE
L14         0 L13 AND PIPERDINE

=> s l13 and piperidine
         58195 PIPERIDINE
L15          3 L13 AND PIPERIDINE

=> s l13 and piperid?
        104082 PIPERID?
L16          5 L13 AND PIPERID?

=> d 1-5 ibib abs hitstr
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L16 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:51432 CAPLUS
DOCUMENT NUMBER: 136:102295
TITLE: α,α-dibromo-α-chloro-acetophenones as synthons
INVENTOR(S): Ray, Anup Kumar; Patel, Hiren Kumar V.; Merai, Shilpa V.; Patel, Mahendra R.
PATENT ASSIGNEE(S): Geneva Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 17 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

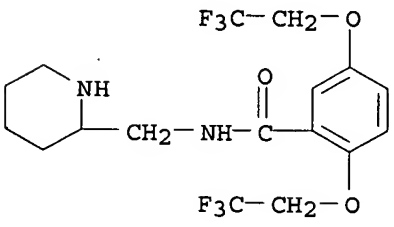
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002004419	A2	20020117	WO 2001-US21623	20010710 <--
WO 2002004419	A3	20020523		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6458957	B1	20021001	US 2000-614295	20000712 <--
CA 2415459	A1	20020117	CA 2001-2415459	20010710 <--
EP 1303489	A2	20030423	EP 2001-950991	20010710
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
US 2002188130	A1	20021212	US 2002-140638	20020508 <--
US 6586598	B2	20030701		

PRIORITY APPLN. INFO.: US 2000-614295 A2 20000712
WO 2001-US21623 W 20010710
OTHER SOURCE(S): CASREACT 136:102295

AB This disclosure relates to the use of α,α-dibromo-α-chloroacetophenone compds. as intermediates for the preparation of aromatic carbonyl compds., especially aromatic amides. The compound 2,5-bis(2,2,2-trifluoroethoxy)-α,α-dibromo-α-chloro-acetophenone (I) is especially useful as an intermediate for the preparation of flecainide, a known pharmaceutical. Thus, I was prepared from 1,4-dibromobenzene, via reaction with trifluoromethanol, Friedel-Crafts acylation with ClCH2COCl and α-bromination.

IT 54143-55-4P, Flecainide
RL: PNU (Preparation, unclassified); PREP (Preparation)
(α,α-dibromo-α-chloro-acetophenones as synthons for the preparation of aromatic carbonyl compds., especially aromatic amides)

RN 54143-55-4 CAPLUS
CN Benzamide, N-(2-piperidinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



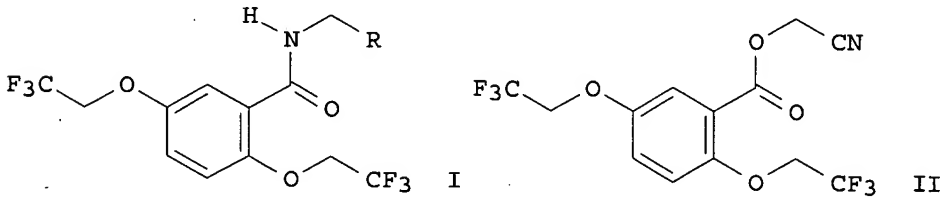
L16 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:64776 CAPLUS
DOCUMENT NUMBER: 130:124996
TITLE: Process and a novel intermediate for the preparation of Flecainide
INVENTOR(S): Gutman, Arie L.; Nisnevich, Genady; Shkolnik, Eleonora; Zaltzman, Igor
PATENT ASSIGNEE(S): Finetech Ltd., Israel
SOURCE: PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9902498	A1	19990121	WO 1998-IL315	19980707 <--
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
IL 121288	A	20001031	IL 1997-121288	19970711 <--
AU 9881265	A	19990208	AU 1998-81265	19980707 <--
EP 996616	A1	20000503	EP 1998-931000	19980707 <--
EP 996616	B1	20040512		
R: ES, FR, IT				
US 6316627	B1	20011113	US 1999-422931	19991021 <--
US 6538138	B1	20030325	US 2000-462418	20000403
US 2002133013	A1	20020919	US 2001-911366	20010723 <--
US 6593486	B2	20030715		

PRIORITY APPLN. INFO.:

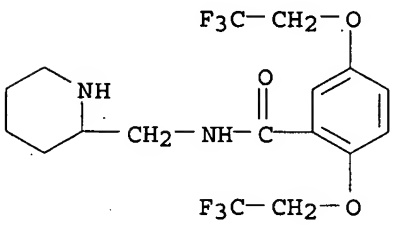
IL 1997-121288	A	19970711
IL 1997-120715	A	19970421
WO 1998-IL187	A2	19980420
WO 1998-IL315	W	19980707
US 1999-422931	A1	19991021

OTHER SOURCE(S): CASREACT 130:124996; MARPAT 130:124996
GI



AB The title compds. [I; R = 2-piperidyl, 2-pyridyl] and their pharmaceutically acceptable salts, were prepared by a) reacting 2,5-bis(2,2,2,-trifluoroethoxy)benzoic acid or its salt with a haloacetonitrile XCH2CN (wherein X = Cl, Br, I) if necessary in the presence of an inorg. or organic base, b) reacting the cyanomethyl ester II with an amine RCH2NH2; c) converting the compound I to its pharmaceutically acceptable salt.

IT 54143-55-4P, Flecainide
RL: IMF (Industrial manufacture); SPN (Synthetic preparation); PREP (Preparation)
(process and a novel intermediate for the preparation of Flecainide)
RN 54143-55-4 CAPLUS
CN Benzamide, N-(2-piperidinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)

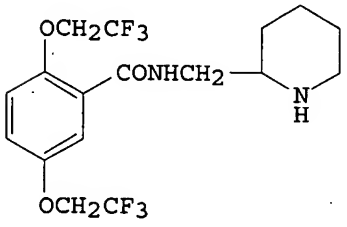


REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

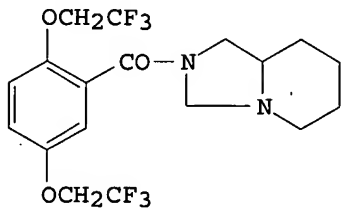
L16 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1991:122069 CAPLUS
DOCUMENT NUMBER: 114:122069
TITLE: Preparation of 2,5-bis(2,2,2-trifluoroethoxy-N-(2-piperidinylmethyl)benzamide acetate
INVENTOR(S): Rubio Zurita, Pelayo; Cirera Dotti, Xavier; Irurre Perez, Jose
PATENT ASSIGNEE(S): Laboratorios Rubio S. A., Spain
SOURCE: Span., 7 pp.
CODEN: SPXXAD
DOCUMENT TYPE: Patent
LANGUAGE: Spanish
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
ES 2007802	A6	19890701	ES 1988-830	19880318 <--
PRIORITY APPLN. INFO.:			ES 1988-830	19880318

OTHER SOURCE(S): MARPAT 114:122069
GI



I



IV

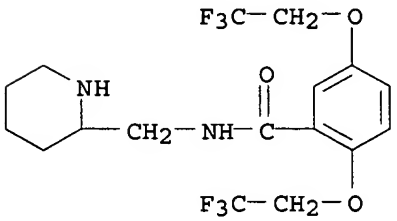
AB The title compound (I.HOAc) is prepared by reaction of an activated derivative of
2,5-bis(2,2,2-trifluoroethoxy)benzoic acid (II) with 2-azaindolizidine (III) to give the heterocyclic amide IV as the HCl salt, which is selectively hydrolyzed to I followed by salification with glacial HOAc. Thus, II was treated with SOCl2 at room temperature to give the acid chloride, which reacted with distilled III in CH2Cl2 to give 97% IV.HCl. The latter was hydrolyzed with aqueous HCl in EtOH to give 81% I, which was treated with

HOAc in Me2CHOH.

IT 54143-55-4P, Flecainide
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of, from bis(trifluoroethoxy)benzoic acid and azaindolazidine)

RN 54143-55-4 CAPLUS

CN Benzamide, N-(2-piperidinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



L16 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1986:88402 CAPLUS

DOCUMENT NUMBER: 104:88402

TITLE: Resolution of flecainide acetate, N-(2-piperidylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)benzamide acetate, and antiarrhythmic properties of the enantiomers

AUTHOR(S): Banitt, Elden H.; Schmid, Jack R.; Newmark, Richard A.

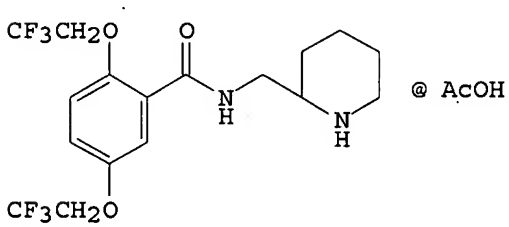
CORPORATE SOURCE: Cent. Res. Lab., Riker Lab., Inc., St. Paul, MN, 55144, USA

SOURCE: Journal of Medicinal Chemistry (1986), 29(2), 299-302
CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

GI



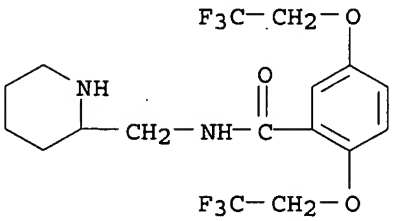
I

AB The antiarrhythmic agent flecainide acetate (I) was resolved by fractional crystallization of its diastereomeric α-bromocamphor-π-sulfonate salts. Optical purity of the two enantiomers was shown to be >99% by an NMR technique using a chiral shift reagent. Antiarrhythmic effects of flecainide and its enantiomers were assessed in two different animal models, chloroform-induced ventricular fibrillation in mice and ouabain-induced ventricular tachycardia in dogs. The two enantiomers were highly effective in suppressing both of these exptl. arrhythmias and appeared to be essentially equipotent. No significant differences were found either between the two enantiomers or between the enantiomers and racemic flecainide.

IT 54143-55-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and resolution of)

RN 54143-55-4 CAPLUS

CN Benzamide, N-(2-piperidinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



L16 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1981:103175 CAPLUS
DOCUMENT NUMBER: 94:103175
TITLE: 2,5-Bis(2,2,2-trifluoroethoxy)-N-(2-piperidylmethyl)benzamide
INVENTOR(S): Leir, Charles M.
PATENT ASSIGNEE(S): Riker Laboratories, Inc., USA
SOURCE: Ger. Offen., 18 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3010195	A1	19801002	DE 1980-3010195	19800317 <--
DE 3010195	C2	19901025		
CA 1137486	A1	19821214	CA 1980-346919	19800304 <--
DK 8001121	A	19800920	DK 1980-1121	19800314 <--
DK 167062	B1	19930823		
SE 8002003	A	19800920	SE 1980-2003	19800314 <--
SE 447992	B	19870112		
SE 447992	C	19870423		
IL 59623	A	19830731	IL 1980-59623	19800314 <--
NL 8001551	A	19800923	NL 1980-1551	19800316 <--
NL 191486	B	19950403		
NL 191486	C	19950804		
ES 489629	A1	19810401	ES 1980-489629	19800317 <--
GB 2045760	A	19801105	GB 1980-9041	19800318 <--
GB 2045760	B	19830511		
JP 55143967	A	19801110	JP 1980-34671	19800318 <--
JP 63057429	B	19881111		
FR 2454438	A1	19801114	FR 1980-6019	19800318 <--
FR 2454438	B1	19820723		
ZA 8001565	A	19810527	ZA 1980-1565	19800318 <--
GB 2097000	A	19821027	GB 1982-14964	19800318 <--
GB 2097000	B	19831130		
CH 643829	A5	19840629	CH 1980-2128	19800318 <--
BE 882318	A1	19800919	BE 1980-199864	19800319 <--
FR 2468569	A1	19810508	FR 1981-140	19810107 <--
FR 2468569	B1	19830311		
FR 2468570	A1	19810508	FR 1981-141	19810107 <--
FR 2468570	B1	19830311		
FR 2468571	A1	19810508	FR 1981-142	19810107 <--
FR 2468571	B1	19830311		
FR 2468576	A1	19810508	FR 1981-143	19810107 <--
FR 2468576	B1	19830121		
FR 2468590	A1	19810508	FR 1981-144	19810107 <--

FR 2468590	B1	19830923			
FR 2468591	A1	19810508	FR 1981-145	19810107	<--
FR 2468591	B1	19830722			
SE 8401554	A	19840321	SE 1984-1554	19840321	<--
SE 447993	B	19870112			
SE 447993	C	19870423			
SE 8401555	A	19840321	SE 1984-1555	19840321	<--
SE 463260	B	19901029			
SE 463260	C	19910221			
US 4617396	A	19861014	US 1985-772474	19850904	<--
US 4642384	A	19870210	US 1985-772470	19850904	<--
US 4650873	A	19870317	US 1986-857966	19860501	<--
US 4684733	A	19870804	US 1986-890821	19860728	<--
JP 01104045	A	19890421	JP 1988-135363	19880601	<--
JP 02051906	B	19901108			
JP 01104043	A	19890421	JP 1988-135364	19880601	<--
JP 02051907	B	19901108			
JP 01104044	A	19890421	JP 1988-135365	19880601	<--
JP 02051908	B	19901108			
JP 01125339	A	19890517	JP 1988-135366	19880601	<--
JP 03072212	B	19911118			
JP 01125341	A	19890517	JP 1988-135367	19880601	<--
JP 01049695	B	19891025			
JP 01125342	A	19890517	JP 1988-135368	19880601	<--
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JP 01125343	A	19890517	JP 1988-135369	19880601	<--
JP 02002870	B	19900119			
JP 01125344	A	19890517	JP 1988-135370	19880601	<--
JP 03039498	B	19910614			
SE 8901532	A	19890427	SE 1989-1532	19890427	<--
SE 463418	B	19901119			
SE 463418	C	19910314			
SE 8901533	A	19890427	SE 1989-1533	19890427	<--
SE 463419	B	19901119			
SE 463419	C	19910314			
DK 9001222	A	19900517	DK 1990-1222	19900517	<--
DK 164857	B	19920831			
DK 164857	C	19930118			
DK 9100798	A	19910430	DK 1991-798	19910430	<--

PRIORITY APPLN. INFO.:

US 1979-21331	A	19790319
US 1979-21332	A	19790319
GB 1980-9041	A	19800318
US 1980-158992	A1	19800612
US 1980-162312	A1	19800623
US 1981-269068	A1	19810602
US 1981-269070	A1	19810602
US 1985-772470	A3	19850904
US 1985-772474	A1	19850904

OTHER SOURCE(S): CASREACT 94:103175; MARPAT 94:103175

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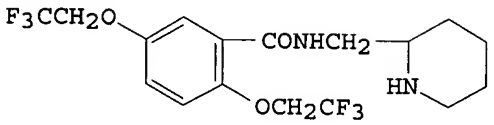


I

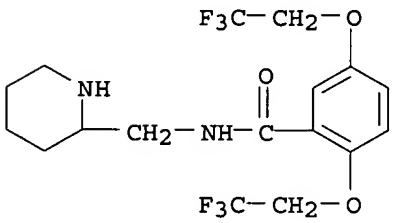
AB Flecainide (I), a known antiarrhythmic, was prepared by conversion of 1,4-R2C6H4 (R = halogen, OH) into 1,4-(F3CCH2O)2C6H4, which was acetylated to give 2,5-(F3CCH2O)2C6H3COMe; this was chlorinated to 2,5-(F3CCH2O)2C6H3COCCl3, which was hydrolyzed to 2,5-F3CCH2O)2C6H3CO2H, which was converted into the acid chloride, followed by reaction with

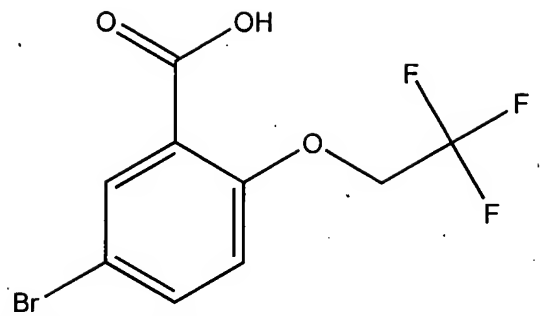
2-(aminomethyl)piperidine to give I.

IT 54143-55-4P
RL: SPN (Synthetic preparation); PREP (Preparation)
(improved preparation of)

RN 54143-55-4 CAPLUS

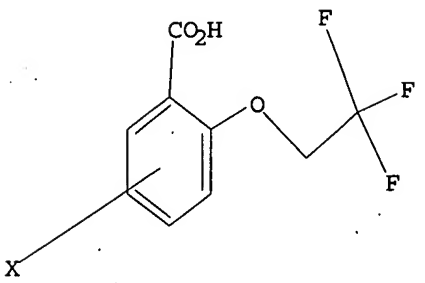
CN Benzamide, N-(2-piperidinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)





5-bromo-2-(2,2-2-trifluoroethoxy)benzoic acid

=> d
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 15:54:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 263 TO ITERATE

100.0% PROCESSED 263 ITERATIONS 8 ANSWERS
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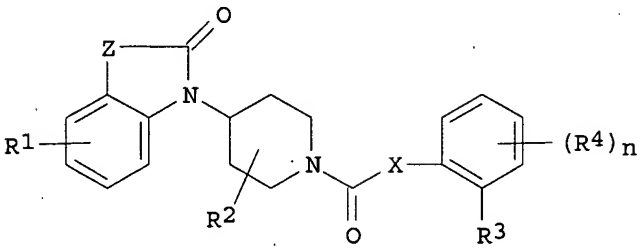
L4 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:222447 CAPLUS
DOCUMENT NUMBER: 130:237576
TITLE: Preparation of benzoxazinone or quinolinone compounds as tocolytic oxytocin receptor antagonists
INVENTOR(S): Bell, Ian M.; Freidinger, Roger M.; Perlow, Debra S.; Sparks, Michelle A.; Stauffer, Kenneth; Williams, Peter D.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Brit. UK Pat. Appl., 139 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

GB 2326410	A	19981223	GB 1998-13103		19980617 <--
US 6090805	A	20000718	US 1998-95232		19980610 <--
PRIORITY APPLN. INFO.:			US 1997-50139P	P	19970618
			GB 1998-229	A	19980106

OTHER SOURCE(S): MARPAT 130:237576
GI

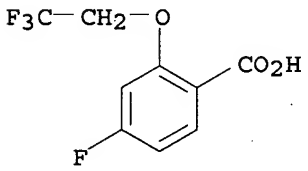


I

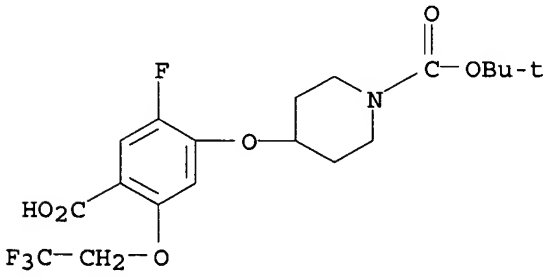
AB The title compds. I [Z = CH2O where O is attached directly to the carbonyl, CH:CH, CH2CH2; X = O, CH2, CF2; R1 = H, halo, alkyl; R2 = H, alkyl, CH2OH, CONH2; R3 = H, alkoxy, = (un)substituted Ph, etc.; R4 = H, halo, alkoxy, etc.], tocolytic oxytocin receptor antagonists, were prepared E.g, 1-(1-(2-(2,2,2-trifluoroethoxy)-4-fluorophenylacetyl)piperidin-4-yl)-4H-3,1-benzoxazin-2(1H)-one was prepared in several steps.

IT 220996-71-4P 221285-36-5P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzoxazinone or quinolinone compds. as tocolytic oxytocin receptor antagonists)

RN 220996-71-4 CAPLUS
CN Benzoic acid, 4-fluoro-2-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



RN 221285-36-5 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-[4-carboxy-2-fluoro-5-(2,2,2-trifluoroethoxy)phenoxy]-, 1-(1,1-dimethylethyl) ester (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1999:213192 CAPLUS
DOCUMENT NUMBER: 130:209723
TITLE: Aryl(phenylacetyl)piperazine derivatives as oxytocin receptor antagonists
INVENTOR(S): Bell, Ian M.; Freidinger, Roger M.; Guare, James P.; Sparks, Michelle A.; Williams, Peter D.
PATENT ASSIGNEE(S): Merck and Co., Inc., USA
SOURCE: Brit. UK Pat. Appl., 93 pp.
CODEN: BAXXDU
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE	
GB 2326639	A	19981230	GB 1998-12363		19980609	<--
US 5968938	A	19991019	US 1998-86107		19980529	<--
PRIORITY APPLN. INFO.:			US 1997-50132P	P	19970618	
			GB 1998-10887	A	19980520	

OTHER SOURCE(S): MARPAT 130:209723
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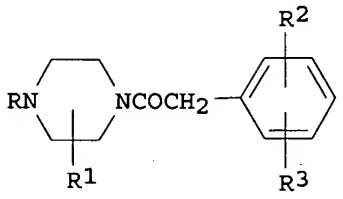

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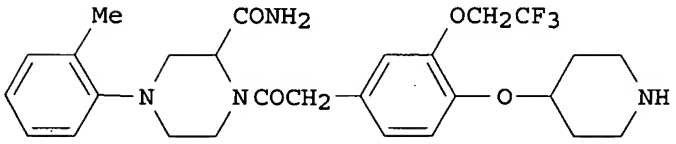
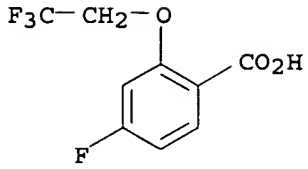


II

AB Piperazines I [R = (un)substituted Ph, naphthyl, pyridyl, pyrazinyl, pyrimidinyl; R1 = H, (un)substituted CONH2; R2 = CF3, OCF3, OCH2CF3; R3 = H, halogen, (un)substituted OH, NH2, pyridinyl, imidazolyl, triazolyl, morpholinyl; n = 1, 2] were prepared for use as oxytocin antagonists (no data). Thus, 2,4-dihydroxyacetophenone was treated with N-tert.-butoxycarbonyl-4-piperidinol, trifluoroethoxylated and oxidized with Tl(NO3)3 to give Me N-tert.-butoxycarbonyl-4-piperidinyloxy-2-(2,2,2-trifluoroethoxy)phenylacetate which was hydrolyzed to the acid, treated with 2-carbamoyl-4-(2-methylphenyl)piperazine, and deblocked to give the title compound II.

IT 220996-71-4P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of aryl(phenylacetyl)piperazines as oxytocin receptor antagonists)

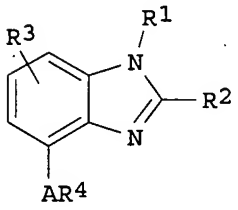
RN 220996-71-4 CAPLUS
CN Benzoic acid, 4-fluoro-2-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



L4 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:315042 CAPLUS
DOCUMENT NUMBER: 126:293352
TITLE: Preparation of benzimidazoles for the prevention and/or the treatment of bone diseases
INVENTOR(S): Oku, Teruo; Kawai, Yoshio; Yatabe, Takumi; Sato, Shigeki; Yamazaki, Hitoshi; Kayakiri, Natsuko; Yoshihara, Kousei
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 146 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9710219	A1	19970320	WO 1996-JP2530	19960905 <--
W: JP, US				
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
EP 863881	A1	19980916	EP 1996-929540	19960905 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
JP 11513364	T	19991116	JP 1996-511824	19960905 <--

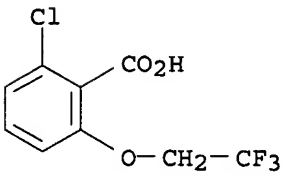
PRIORITY APPLN. INFO.: GB 1995-18552 A 19950911
WO 1996-JP2530 W 19960905
OTHER SOURCE(S): MARPAT 126:293352
GI



I

AB The title compds. [I; R1 = acyl, (un)substituted lower alkenyl, lower alkyl; R2 = H, lower alkyl, lower alkoxy, etc.; R1R2 = lower alkylene, lower alkenylene (may include O, S, NH, N-alkyl); R3 = H, halo; R4 = (un)substituted heterocyclyl, aryl; A = CONR9, N(R10)CO (wherein R9, R10 = H, (un)substituted lower alkyl)], and their pharmaceutically acceptable salts, inhibitors of bone resorption and bone metabolism, were prepared Thus, hydrogenation of 1,2-dimethyl-4-nitro-1H-benzimidazole over 10% Pd/C in MeOH followed by reaction of the resulting 4-amino-1,2-dimethyl-1H-benzimidazole with 2,6-dichlorobenzoyl chloride in the presence of Et3N in ethylene chloride afforded I [R1, R2 = Me; R3 = H; R4 = 2,6-Cl2C6H3; A = NHCO]. Compds. I are effective at 0.1-1000 mg/body/day.
IT 189045-95-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of benzimidazoles for the prevention and/or the treatment of

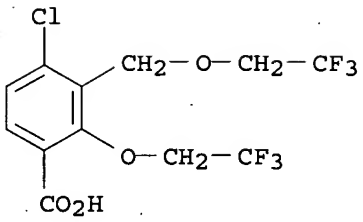
bone diseases)
RN 189045-95-2 CAPLUS
CN Benzoic acid, 2-chloro-6-(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)



L4 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1995:969484 CAPLUS
DOCUMENT NUMBER: 124:3056
TITLE: Preparation of isoxazole as pesticides.
INVENTOR(S): Cain, Paul Alfred; Chou, David; Herman, Nancy D.; Gant, Daniel B.; Shoberu, Karoline A.
PATENT ASSIGNEE(S): Rhone Poulenc Agrochimie, Fr.
SOURCE: PCT Int. Appl., 57 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9522904	A1	19950831	WO 1995-EP617	19950221 <--
W: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN, MW, MX, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TT, UA, US				
RW: KE, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9517585	A	19950911	AU 1995-17585	19950221 <--
PRIORITY APPLN. INFO.:			US 1994-201583 A	19940225
			WO 1995-EP617 W	19950221

OTHER SOURCE(S): MARPAT 124:3056
GI For diagram(s), see printed CA Issue.
AB The isoxazoles I [R=H,alkoxycarbonyl, etc.;A=C(O)W and B=R1 or A=C(O)R1 and B=W; W=(un)substituted Ph;R1=(cyclo)alkyl or (un)substituted Ph] are acaricides, insecticides and nematocides. Thus, 4-[4-bromo-2-(2,2,3,3,3-pentafluoropropoxymethyl)benzoyl]-5-cyclopropylisoxazole (preparation given) controlled the two-spotted spider mite.
IT 171187-85-2P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate in preparation of isoxazole pesticides)
RN 171187-85-2 CAPLUS
CN Benzoic acid, 4-chloro-2-(2,2,2-trifluoroethoxy)-3-[(2,2,2-trifluoroethoxy)methyl]- (9CI) (CA INDEX NAME)


Cl
CH2—O—CH2—CF3
O—CH2—CF3
CO2H

=>

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CA SUBSCRIBER PRICE	-0.78	-3.90

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.74	376.06

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.78	-3.90

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DICTIONARY FILE UPDATES: 15 JAN 2007 HIGHEST RN 917470-98-5

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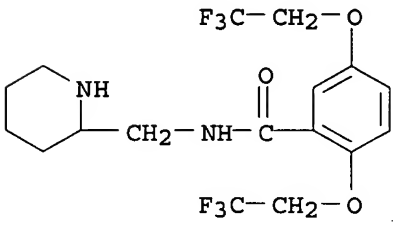
http://www.cas.org/ONLINE/UG/regprops.html

=> s flecainide/cn
L8 1 FLECAINIDE/CN

=> d

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2007 ACS on STN

RN 54143-55-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN Benzamide, N-(2-piperidinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN (±)-Flecainide
CN Flecaine
CN Flecainide
DR 99495-87-1
MF C17 H20 F6 N2 O3
CI COM
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO, CA, CAPLUS, CASREACT, CBNB, CHEMCATS, CIN, DDFU, DRUGU, EMBASE, IMSDRUGNEWS, IMSPATENTS, IMSRESEARCH, IPA, MEDLINE, MRCK*, PHAR, PROMT, PROUSDDR, PS, RTECS*, SCISEARCH, SPECINFO, SYNTHLINE, TOXCENTER, USAN, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

586 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
589 REFERENCES IN FILE CAPLUS (1907 TO DATE)